

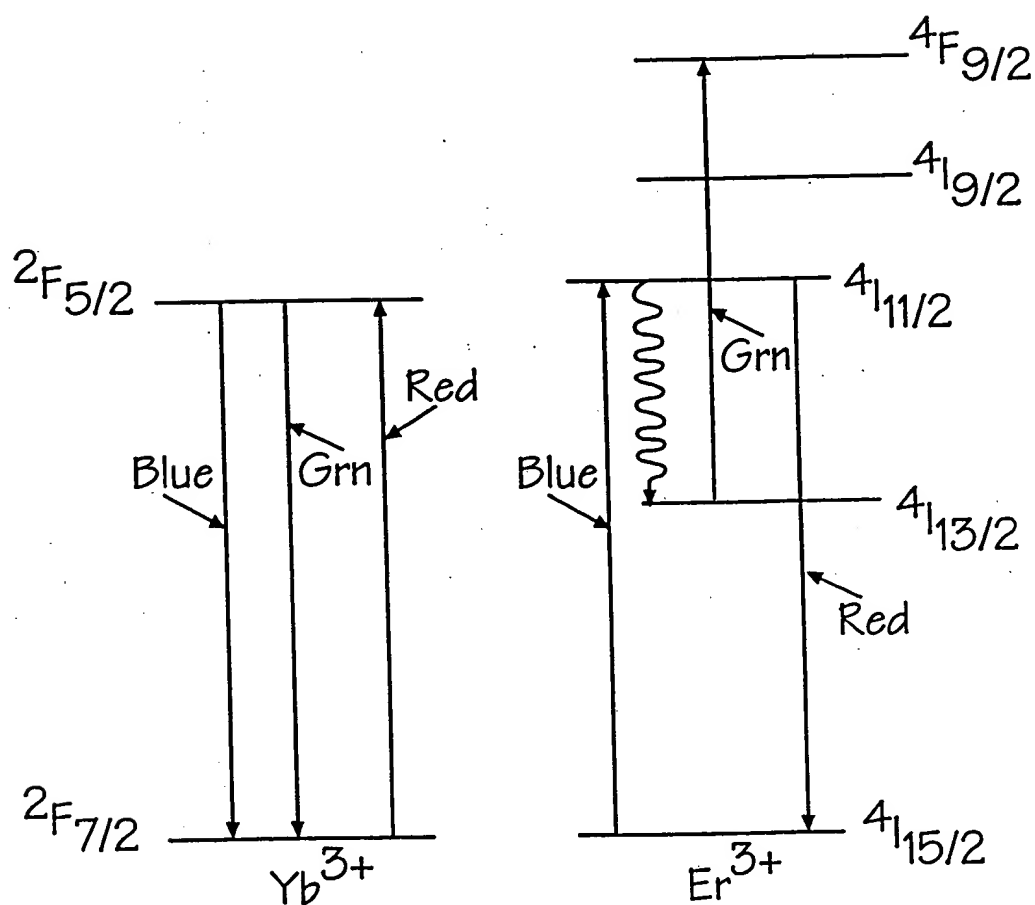


Blue: Yb - Er Transfer

Green: $4I_{13/2}$ Quenching

Red: Er - Yb Back Transfer

~~~~~ Multiphoton Relaxation



PRIOR ART

Figure 1



REPLACEMENT SHEET

Ho:YAG  
Best fit 3.3msec  
Effective Energy Storage  
Lifetime

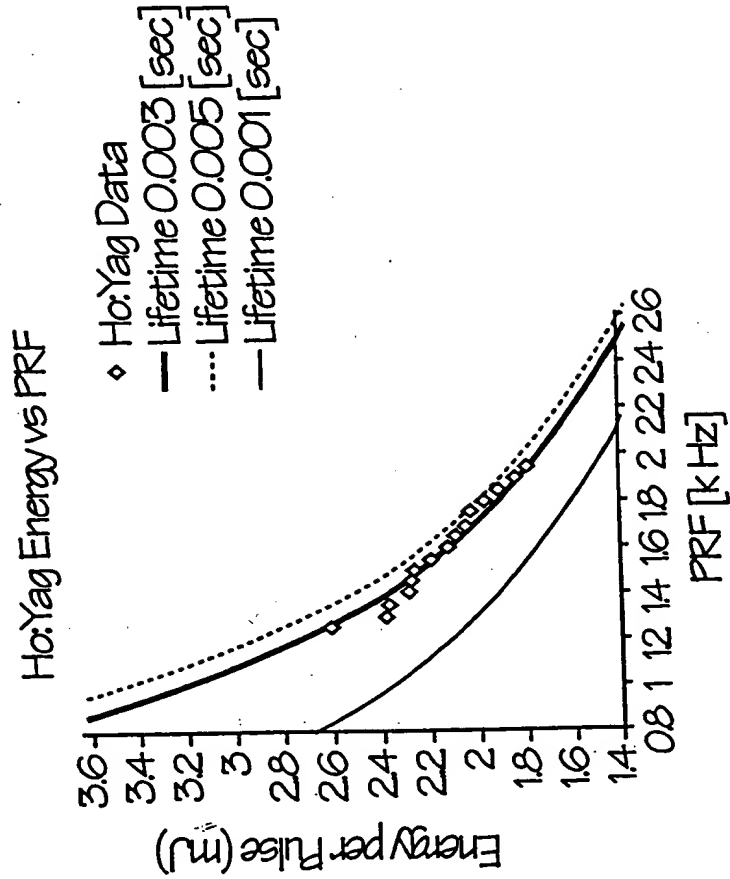


Figure 2b

PRIOR ART

Tm-Ho:YAG  
Best fit 0.19msec  
Effective Energy Storage  
Lifetime

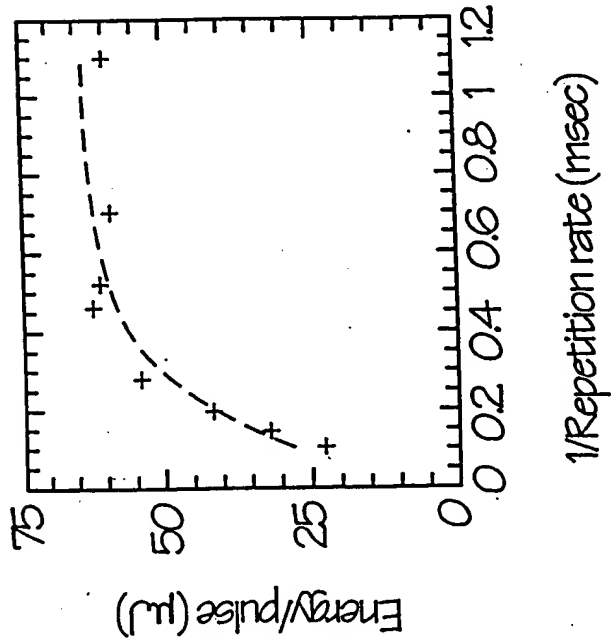
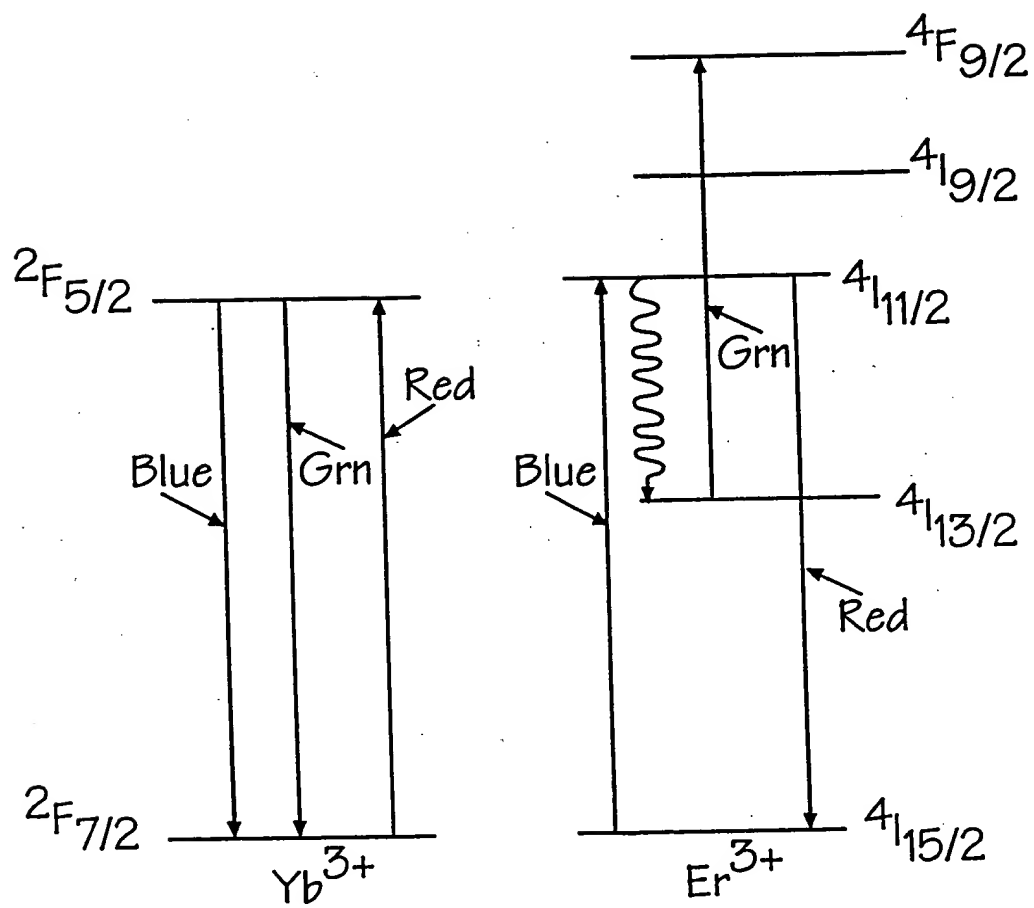


Figure 2a

# REPLACEMENT SHEET



PRIOR ART

Figure 3

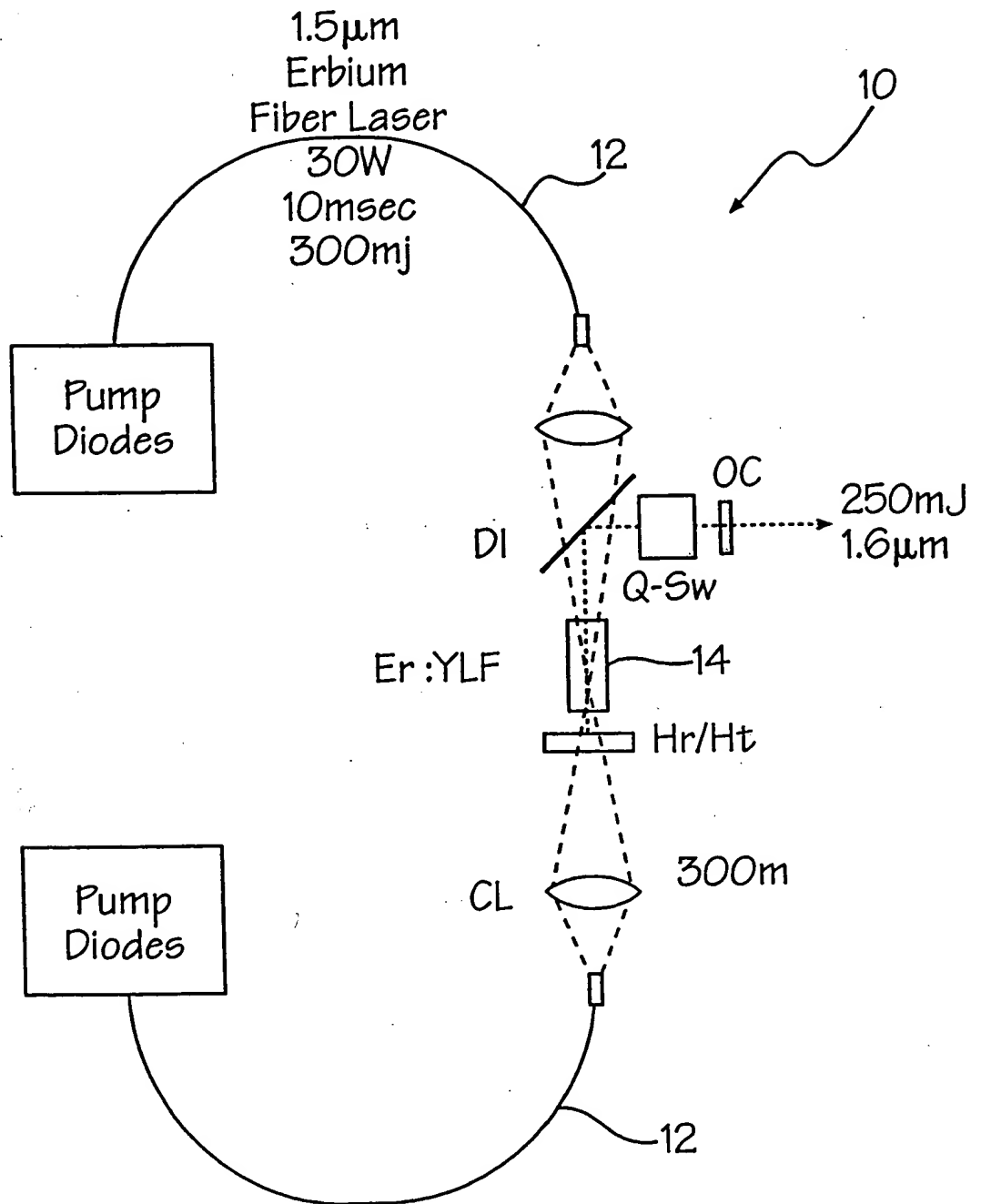


Figure 4